

ABSTRACT

A multi-layer vacuum assembly-enabled fundamental building material to strengthen the safety of a building structure includes a main body which has a plurality of vacuumized layers formed from the exterior towards the interior that are divided by a plurality of spacers. The shape of the main body may be designed according to requirements of the building structure. The main body further has a first latch section and a second latch section located on the outer side thereof. The vacuumized layers can cushion damage resulting from impact of external forces. It also can block thermal conduction, thereby achieve shock resistant, fire resistant, heat and cold isolation effects.